

## CLAIMS

We claim:

- 1           1.     An electric machine comprising a stator, said stator comprising:  
2                 a laminated core comprising a stack of sheet metal stampings having a  
3     central opening and a plurality of undercut anchoring elements around the central  
4     opening; and  
5                 a hub which is cast in place in said central opening so that said anchoring  
6     elements are at least partially embedded in said hub.
- 1           2.     An electric machine as in claim 1 wherein said anchoring wherein  
2     said anchoring elements are an integral part of said sheet metal stampings.
- 1           3.     An electric machine as in claim 2 wherein said anchoring elements  
2     are formed as hooks which project into said opening.
- 1           4.     An electric machine as in claim 2 wherein said anchoring elements  
2     are formed by anchoring openings which lie radially outside of said central opening.
- 1           5.     An electric machine as in claim 1 further comprising axial spaces  
2     between axially aligned anchoring elements.
- 1           6.     An electric machine as in claim 1 wherein said anchoring elements  
2     comprise identical anchoring elements which are distributed uniformly in the  
3     circumferential direction.

1                   7.     An electric machine as in claim 1 wherein said hub has opposed  
2 axial ends formed with respective shoulders which axially engage said core.

1                   8.     An electric machine as in claim 1 wherein said laminated core has  
2 a radially outer contour which where the sheet metal stampings are welded together.

1                   9.     An electric machine as in claim 1 wherein each said stamping  
2 comprises a plurality of segments having circumferential ends which are joined together  
3 at connecting areas.

1                   10.    An electric machine as in claim 9 wherein the connecting areas of  
2 at least some of said stampings are circumferentially offset from the connecting areas of  
3 axially adjacent stampings.

1                   11.    An electric machine as in claim 10 wherein the segments of some  
2 of said axially adjacent stampings are congruent with each other.